

[illegible]

Time	V (%)	I (A)	T (°C)	ρ (cm)	Comments
8:15					
9:00					
11:00	34		145	4.1×10^{-3}	Water (819.7) \rightarrow
15	90		106	4.1×10^{-3}	Water (819.7) \rightarrow
18:00	90	145	144	4.1×10^{-3}	Water (819.7) \rightarrow

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150.14	30	1.45	81.0	$(1.10 \pm .3)$	wide dispersion	$1/2 \sigma / \omega$
0	0	1.45	160	$(1.10 \pm .3)$	no wave	
11:00	0	1.45	47	$(1.10 \pm .3)$	power up	
$m_2 = 39.0 \pm 0.8 g$	$m_1 = 5.8012$			$4t(120^\circ, 85^\circ) = 0.004 \text{ cm}$	black spot on edge	
$m_1: 150, 130, 122, 150$						
$(4\pi) = 19 \pm 12 \text{ g cm}^{-3}$	$(3) = 5.5 \text{ g cm}^{-3}$					
$(4\pi) = 1.9 \pm 0.2$	$(3) = 1.7 \text{ g cm}^{-3}$					
4. - Partially glassy: PHS 78-184, 7M detection (Figures), $m_2 = 1.5016 g$						
H₂O₂ (left) vs H₂O₂ (right) #26, on #36						
10.00	46	1.05	19	$(1.10 \pm .3)$	medium (100%)	
0	0	1.05	104	$(1.10 \pm .3)$	diffuse to dark	
0	0	1.05	105	$(1.10 \pm .3)$	power up	
$m_1: 8.46 \pm 0.03 g$	$m_2 = 1.45 \pm 0.4 g$					

[illegible]

9/30/02	ML p(ETd) + glass; PBIG: FS 163, Th = 87 mm, p2 - test tube (a) 3m = 1.3165 g; 48IG (after #84 + 50g (MPL dead)) as #84
Time	$\frac{I(A)}{T(^{\circ}C)}$ Comments
	$\frac{V(V)}{p(Torr)}$

[illegible]

11/19/72
Ac. treated + glass; PEGs, FS, 180, TH = 10 mm (poly), M_n = 7000 g.
2 g/g (water = 35%), α_n = 35
10/20
11/60
4/10/3
Kocher (1956)

$M_s = 9.32 \pm 0.1$; $M_g = 1.40 \pm 0.1$ g;
 $R_s = 320, 380, 550, 510$ μ m
 $\rho_{\text{obs}} = 2.75 \text{ g/cm}^3$; $\rho_{\text{calc}} = 4.11 \text{ g/cm}^3$
 not definite on ρ_{calc}
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11/2, 2/2 Al. Polished + glass. $\text{Fe}_2\text{Si}_2\text{H}_2$ 756, 46 = 0.633100 (90 μ m), $m_2 = 7.8010\text{g}$
149.72 (44.40w #46), on #86
2.00
41.00 - 1.00 Polished (157 μ)

12/1/13

At. wt. of $\text{Fe} = 55.85$, $\text{Fe}_2\text{O}_3 = 159.7$, $\text{Fe}_3\text{O}_4 = 231.5$, $\text{Fe}_2\text{SiO}_4 = 234.0$, $\text{Fe}_2\text{Si}_2\text{O}_7 = 342.1$, $\text{Fe}_2\text{Si}_4\text{O}_{11} = 504.0$, $\text{Fe}_2\text{Si}_6\text{O}_{17} = 656.1$, $\text{Fe}_2\text{Si}_8\text{O}_{21} = 808.2$, $\text{Fe}_2\text{Si}_{10}\text{O}_{25} = 960.3$, $\text{Fe}_2\text{Si}_{12}\text{O}_{29} = 1112.4$, $\text{Fe}_2\text{Si}_{14}\text{O}_{33} = 1264.5$, $\text{Fe}_2\text{Si}_{16}\text{O}_{37} = 1416.6$, $\text{Fe}_2\text{Si}_{18}\text{O}_{41} = 1568.7$, $\text{Fe}_2\text{Si}_{20}\text{O}_{45} = 1720.8$, $\text{Fe}_2\text{Si}_{22}\text{O}_{49} = 1872.9$, $\text{Fe}_2\text{Si}_{24}\text{O}_{53} = 2025.0$, $\text{Fe}_2\text{Si}_{26}\text{O}_{57} = 2177.1$, $\text{Fe}_2\text{Si}_{28}\text{O}_{61} = 2329.2$, $\text{Fe}_2\text{Si}_{30}\text{O}_{65} = 2481.3$, $\text{Fe}_2\text{Si}_{32}\text{O}_{69} = 2633.4$, $\text{Fe}_2\text{Si}_{34}\text{O}_{73} = 2785.5$, $\text{Fe}_2\text{Si}_{36}\text{O}_{77} = 2937.6$, $\text{Fe}_2\text{Si}_{38}\text{O}_{81} = 3089.7$, $\text{Fe}_2\text{Si}_{40}\text{O}_{85} = 3241.8$, $\text{Fe}_2\text{Si}_{42}\text{O}_{89} = 3393.9$, $\text{Fe}_2\text{Si}_{44}\text{O}_{93} = 3546.0$, $\text{Fe}_2\text{Si}_{46}\text{O}_{97} = 3698.1$, $\text{Fe}_2\text{Si}_{48}\text{O}_{101} = 3850.2$, $\text{Fe}_2\text{Si}_{50}\text{O}_{105} = 4002.3$, $\text{Fe}_2\text{Si}_{52}\text{O}_{109} = 4154.4$, $\text{Fe}_2\text{Si}_{54}\text{O}_{113} = 4306.5$, $\text{Fe}_2\text{Si}_{56}\text{O}_{117} = 4458.6$, $\text{Fe}_2\text{Si}_{58}\text{O}_{121} = 4610.7$, $\text{Fe}_2\text{Si}_{60}\text{O}_{125} = 4762.8$, $\text{Fe}_2\text{Si}_{62}\text{O}_{129} = 4914.9$, $\text{Fe}_2\text{Si}_{64}\text{O}_{133} = 5067.0$, $\text{Fe}_2\text{Si}_{66}\text{O}_{137} = 5219.1$, $\text{Fe}_2\text{Si}_{68}\text{O}_{141} = 5371.2$, $\text{Fe}_2\text{Si}_{70}\text{O}_{145} = 5523.3$, $\text{Fe}_2\text{Si}_{72}\text{O}_{149} = 5675.4$, $\text{Fe}_2\text{Si}_{74}\text{O}_{153} = 5827.5$, $\text{Fe}_2\text{Si}_{76}\text{O}_{157} = 5979.6$, $\text{Fe}_2\text{Si}_{78}\text{O}_{161} = 6131.7$, $\text{Fe}_2\text{Si}_{80}\text{O}_{165} = 6283.8$, $\text{Fe}_2\text{Si}_{82}\text{O}_{169} = 6435.9$, $\text{Fe}_2\text{Si}_{84}\text{O}_{173} = 6588.0$, $\text{Fe}_2\text{Si}_{86}\text{O}_{177} = 6740.1$, $\text{Fe}_2\text{Si}_{88}\text{O}_{181} = 6892.2$, $\text{Fe}_2\text{Si}_{90}\text{O}_{185} = 7044.3$, $\text{Fe}_2\text{Si}_{92}\text{O}_{189} = 7196.4$, $\text{Fe}_2\text{Si}_{94}\text{O}_{193} = 7348.5$, $\text{Fe}_2\text{Si}_{96}\text{O}_{197} = 7500.6$, $\text{Fe}_2\text{Si}_{98}\text{O}_{201} = 7652.7$, $\text{Fe}_2\text{Si}_{100}\text{O}_{205} = 7804.8$, $\text{Fe}_2\text{Si}_{102}\text{O}_{209} = 7956.9$, $\text{Fe}_2\text{Si}_{104}\text{O}_{213} = 8109.0$, $\text{Fe}_2\text{Si}_{106}\text{O}_{217} = 8261.1$, $\text{Fe}_2\text{Si}_{108}\text{O}_{221} = 8413.2$, $\text{Fe}_2\text{Si}_{110}\text{O}_{225} = 8565.3$, $\text{Fe}_2\text{Si}_{112}\text{O}_{229} = 8717.4$, $\text{Fe}_2\text{Si}_{114}\text{O}_{233} = 8869.5$, $\text{Fe}_2\text{Si}_{116}\text{O}_{237} = 9021.6$, $\text{Fe}_2\text{Si}_{118}\text{O}_{241} = 9173.7$, $\text{Fe}_2\text{Si}_{120}\text{O}_{245} = 9325.8$, $\text{Fe}_2\text{Si}_{122}\text{O}_{249} = 9477.9$, $\text{Fe}_2\text{Si}_{124}\text{O}_{253} = 9630.0$, $\text{Fe}_2\text{Si}_{126}\text{O}_{257} = 9782.1$, $\text{Fe}_2\text{Si}_{128}\text{O}_{261} = 9934.2$, $\text{Fe}_2\text{Si}_{130}\text{O}_{265} = 10086.3$, $\text{Fe}_2\text{Si}_{132}\text{O}_{269} = 10238.4$, $\text{Fe}_2\text{Si}_{134}\text{O}_{273} = 10390.5$, $\text{Fe}_2\text{Si}_{136}\text{O}_{277} = 10542.6$, $\text{Fe}_2\text{Si}_{138}\text{O}_{281} = 10694.7$, $\text{Fe}_2\text{Si}_{140}\text{O}_{285} = 10846.8$, $\text{Fe}_2\text{Si}_{142}\text{O}_{289} = 10998.9$, $\text{Fe}_2\text{Si}_{144}\text{O}_{293} = 11151.0$, $\text{Fe}_2\text{Si}_{146}\text{O}_{297} = 11303.1$, $\text{Fe}_2\text{Si}_{148}\text{O}_{301} = 11455.2$, $\text{Fe}_2\text{Si}_{150}\text{O}_{305} = 11607.3$, $\text{Fe}_2\text{Si}_{152}\text{O}_{309} = 11759.4$, $\text{Fe}_2\text{Si}_{154}\text{O}_{313} = 11911.5$, $\text{Fe}_2\text{Si}_{156}\text{O}_{317} = 12063.6$, $\text{Fe}_2\text{Si}_{158}\text{O}_{321} = 12215.7$, $\text{Fe}_2\text{Si}_{160}\text{O}_{325} = 12367.8$, $\text{Fe}_2\text{Si}_{162}\text{O}_{329} = 12519.9$, $\text{Fe}_2\text{Si}_{164}\text{O}_{333} = 12672.0$, $\text{Fe}_2\text{Si}_{166}\text{O}_{337} = 12824.1$, $\text{Fe}_2\text{Si}_{168}\text{O}_{341} = 12976.2$, $\text{Fe}_2\text{Si}_{170}\text{O}_{345} = 13128.3$, $\text{Fe}_2\text{Si}_{172}\text{O}_{349} = 13280.4$, $\text{Fe}_2\text{Si}_{174}\text{O}_{353} = 13432.5$, $\text{Fe}_2\text{Si}_{176}\text{O}_{357} = 13584.6$, $\text{Fe}_2\text{Si}_{178}\text{O}_{361} = 13736.7$, $\text{Fe}_2\text{Si}_{180}\text{O}_{365} = 13888.8$, $\text{Fe}_2\text{Si}_{182}\text{O}_{369} = 14040.9$, $\text{Fe}_2\text{Si}_{184}\text{O}_{373} = 14193.0$, $\text{Fe}_2\text{Si}_{186}\text{O}_{377} = 14345.1$, $\text{Fe}_2\text{Si}_{188}\text{O}_{381} = 14497.2$, $\text{Fe}_2\text{Si}_{190}\text{O}_{385} = 14649.3$, $\text{Fe}_2\text{Si}_{192}\text{O}_{389} = 14801.4$, $\text{Fe}_2\text{Si}_{194}\text{O}_{393} = 14953.5$, $\text{Fe}_2\text{Si}_{196}\text{O}_{397} = 15105.6$, $\text{Fe}_2\text{Si}_{198}\text{O}_{401} = 15257.7$, $\text{Fe}_2\text{Si}_{200}\text{O}_{405} = 15409.8$, $\text{Fe}_2\text{Si}_{202}\text{O}_{409} = 15561.9$, $\text{Fe}_2\text{Si}_{204}\text{O}_{413} = 15714.0$, $\text{Fe}_2\text{Si}_{206}\text{O}_{417} = 15866.1$, $\text{Fe}_2\text{Si}_{208}\text{O}_{421} = 16018.2$, $\text{Fe}_2\text{Si}_{210}\text{O}_{425} = 16170.3$, $\text{Fe}_2\text{Si}_{212}\text{O}_{429} = 16322.4$, $\text{Fe}_2\text{Si}_{214}\text{O}_{433} = 16474.5$, $\text{Fe}_2\text{Si}_{216}\text{O}_{437} = 16626.6$, $\text{Fe}_2\text{Si}_{218}\text{O}_{441} = 16778.7$, $\text{Fe}_2\text{Si}_{220}\text{O}_{445} = 16930.8$, $\text{Fe}_2\text{Si}_{222}\text{O}_{449} = 17082.9$, $\text{Fe}_2\text{Si}_{224}\text{O}_{453} =$

10-35	Relative (1957)
11.60	21 W-2
1:50	21 W-3
1:50	21 W-4
1:50	21 W-5
1:50	21 W-6
1:50	21 W-7
1:50	21 W-8
1:50	21 W-9
1:50	21 W-10
1:50	21 W-11
1:50	21 W-12
1:50	21 W-13
1:50	21 W-14
1:50	21 W-15
1:50	21 W-16
1:50	21 W-17
1:50	21 W-18
1:50	21 W-19
1:50	21 W-20
1:50	21 W-21
1:50	21 W-22
1:50	21 W-23
1:50	21 W-24
1:50	21 W-25
1:50	21 W-26
1:50	21 W-27
1:50	21 W-28
1:50	21 W-29
1:50	21 W-30
1:50	21 W-31
1:50	21 W-32
1:50	21 W-33
1:50	21 W-34
1:50	21 W-35
1:50	21 W-36
1:50	21 W-37
1:50	21 W-38
1:50	21 W-39
1:50	21 W-40
1:50	21 W-41
1:50	21 W-42
1:50	21 W-43
1:50	21 W-44
1:50	21 W-45
1:50	21 W-46
1:50	21 W-47
1:50	21 W-48
1:50	21 W-49
1:50	21 W-50
1:50	21 W-51
1:50	21 W-52
1:50	21 W-53
1:50	21 W-54
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1:50	21 W-58
1:50	21 W-59
1:50	21 W-60
1:50	21 W-61
1:50	21 W-62
1:50	21 W-63
1:50	21 W-64
1:50	21 W-65
1:50	21 W-66
1:50	21 W-67
1:50	21 W-68
1:50	21 W-69
1:50	21 W-70
1:50	21 W-71
1:50	21 W-72
1:50	21 W-73
1:50	21 W-74
1:50	21 W-75
1:50	21 W-76
1:50	21 W-77
1:50	21 W-78
1:50	21 W-79
1:50	21 W-80
1:50	21 W-81
1:50	21 W-82
1:50	21 W-83
1:50	21 W-84
1:50	21 W-85
1:50	21 W-86
1:50	21 W-87
1:50	21 W-88
1:50	21 W-89
1:50	21 W-90
1:50	21 W-91
1:50	21 W-92
1:50	21 W-93
1:50	21 W-94
1:50	21 W-95
1:50	21 W-96
1:50	21 W-97
1:50	21 W-98
1:50	21 W-99
1:50	21 W-100